

INHIBITION OF PEPTIDE CLEAVAGE IN PLANTS

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ABSTRACT

The invention provides a system for expressing a foreign peptide in a plant cell, wherein the foreign protein is sensitive to a protease activity in the plant cell, by introducing into a plant cell a polynucleotide, which encodes the foreign protein and another polynucleotide, which encodes a genetic element capable of reducing the 10 protease activity in the plant cell. The invention also provides for plant cells, which incorporate this system, and for methods of reducing the proteolysis of the foreign protein expressed in a plant cell by using this system.